

GenCore version 5.1.3
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OM protein - nucleic search, using frame_plus_p2n model

Run on: January 18, 2003, 16:33:47 ; Search time 52 Seconds
(without alignments)
100.260 Million cell updates/sec

Title: US-09-873-106b-9

Sequence: 1 GPXXXXXXXXXXXXXCTF 17

Scoring table:

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Xgapop 10.0 , Xgapext 0.5
Ygapop 10.0 , Ygapext 0.5
Fgapop 6.0 , Fgapext 7.0
Delop 6.0 , Delext 7.0

Searched: 441362 seqs, 15338381 residues

Total number of hits satisfying chosen parameters: 624062

Minimum DB seq length: 0
Maximum DB seq length: 55

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Command line parameters:

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-DB=Issued Patents NA -QFMT=fastp -SUFFIX=closed.rml -MINMATCH=0.1 -LOOPCL=0
-LOOPTXT=0 -UNITS=bits -START=1 -END=1 -MATRIX=blosum62 -TRANS=human40.cdi
-LIST=45 -DOCALLIGN=200 -THR SCORE=pct -THR MAX=100 -THR MIN=0 -ALIGN=15
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-WARN_TIMOUT=30 -THREADS=1 -XGAPOP=10 -XGAPEXT=0.5 -FGAPOP=6 -FGAPEXT=7
-YGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7

Database : Issued Patents NA:*

1: /cgn2_6/prodata/1/ina/5A.COMB.seq:.*
2: /cgn2_6/prodata/1/ina/5B.COMB.seq:.*
3: /cgn2_6/prodata/1/ina/6A.COMB.seq:.*
4: /cgn2_6/prodata/1/ina/6B.COMB.seq:.*
5: /cgn2_6/prodata/1/ina/PCUTS.COMB.seq:.*
6: /cgn2_6/prodata/1/ina/backfiles1.seq:.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	26	50.0	27	1	US-08-096-277-8
2	26	50.0	27	2	US-08-550-815-8
3	26	50.0	27	3	US-08-703-089-8
4	25	48.1	45	4	US-08-916-576B-32
5	25	48.1	47	4	US-09-045-284A-8
6	25	48.1	47	4	US-09-190-911-8
7	24	46.2	50	4	US-09-367-206-11
8	23	44.2	31	4	US-07-342-681C-82
9	23	44.2	39	1	US-07-929-206-1
10	23	44.2	39	2	US-08-313-185-1
11	23	44.2	39	2	US-08-459-499-1
12	23	44.2	39	3	US-09-082-614A-1

13	23	44.2	49	1	US-08-429-181-34	Sequence 34, Appl
14	23	44.2	49	1	US-08-164-388-34	Sequence 34, Appl
15	22	42.3	22	1	US-07-977-284A-87	Sequence 87, Appl
16	22	42.3	22	2	US-08-256-426B-87	Sequence 87, Appl
17	22	42.3	23	1	US-08-435-350-91	Sequence 91, Appl
18	22	42.3	34	2	US-08-956-047-12	Sequence 12, Appl
19	22	42.3	34	2	US-08-874-678-35	Sequence 35, Appl
20	22	42.3	34	4	US-08-643-839-35	Sequence 35, Appl
21	22	42.3	34	4	US-09-348-886-35	Sequence 35, Appl
22	22	42.3	34	4	US-09-147-805-2	Sequence 46, Appl
23	22	42.3	35	2	US-08-874-678-46	Sequence 46, Appl
24	22	42.3	35	3	US-08-643-839-46	Sequence 46, Appl
25	22	42.3	35	4	US-09-348-886-46	Sequence 46, Appl
26	22	42.3	39	5	PCT-US91-02942-60	Sequence 60, Appl
27	22	42.3	40	4	US-09-051-363-10	Sequence 10, Appl
28	22	42.3	42	1	US-07-834-539A-14	Sequence 14, Appl
29	22	42.3	42	1	US-08-053-131-22	Sequence 22, Appl
30	22	42.3	42	1	US-08-645-641-22	Sequence 22, Appl
31	22	42.3	42	1	US-07-853-408B-22	Sequence 22, Appl
32	22	42.3	42	1	US-08-086-762-22	Sequence 22, Appl
33	22	42.3	42	2	US-08-800-353-14	Sequence 14, Appl
34	22	42.3	42	2	US-08-308-865-22	Sequence 19, Appl
35	22	42.3	42	4	US-09-042-353-190	Sequence 19, Appl
36	22	42.3	42	4	US-08-758-417A-38	Sequence 38, Appl
37	22	42.3	42	5	PCT-US92-06185-14	Sequence 14, Appl
38	22	42.3	42	5	PCT-US92-10983-22	Sequence 22, Appl
39	22	42.3	47	3	US-08-589-939-65	Sequence 65, Appl
40	22	42.3	50	3	US-08-603-024-8	Sequence 8, Appl
41	22	42.3	51	3	US-08-722-240-20	Sequence 20, Appl
42	21	40.4	20	2	US-08-857-201C-53	Sequence 53, Appl
43	21	40.4	20	3	US-08-471-546-9	Sequence 9, Appl
44	21	40.4	20	3	US-08-471-586-14	Sequence 14, Appl
45	21	40.4	20	4	US-09-318-191-1	Sequence 1, Appl

ALIGNMENTS

RESULT 1
US-08-096-277-8/c
; Sequence 8, Application US/08096277
; Patent No. 5578482
; GENERAL INFORMATION:
; APPLICANT: Lippman, Marc E
; TITLE OF INVENTION: Ligand Growth Factors that Bind to the
; TITLE OF INVENTION: etB-2 Receptor Protein and Induce Cellular Response
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Banner, Birch, McKie & Beckett
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/096,277
; FILING DATE: 26-JUL-1993
; CLASSIFICATION: 514
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US 07/875,788
; FILING DATE: 29-APR-1992
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US 07/640,497
; FILING DATE: 14-JAN-1991
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US 07/917,988
; FILING DATE: 24-JUL-1992
; PRIORITY APPLICATION DATA:

APPLICATION NUMBER: US 07/872,114
FILING DATE: 22-APR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/528,438
FILING DATE: 25-MAY-1990
ATTORNEY/AGENT INFORMATION:
NAME: Hoschelt, Dale H
REGISTRATION NUMBER: 19,090
REFERENCE/DOCKET NUMBER: 02899.43360
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
TELEX: 197430 BBMB UT
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 27 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-08-096-277-8

Alignment Scores:
Pred. No.: 62.3 Length: 27
Score: 26.00 Matches: 4
Percent Similarity: 57.14% Conservative: 0
Best Local Similarity: 57.14% Mismatches: 3
Query Match: 50.00% Indels: 0
DB: 1 Gaps: 0

US-09-873-106b-9 (1-17) x US-08-096-277-8 (1-27)

Qy 11 Trp*****GlyThrpe 17
||| |||||
Db 21 TGACCTTCATGGCACATTC 1

RESULT 2
US-08-550-815-8/C
Sequence 8, Application US/08550815
Patent No. 5869618
GENERAL INFORMATION:
APPLICANT: Lippman, Marc E
APPLICANT: Lupu, Ruth
TITLE OF INVENTION: Ligand Growth Factors that Bind to the
NUMBER OF INVENTION: erdb-2 Receptor Protein and Induce Cellular Response
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner, Birch, McKie & Beckett
STREET: 1001 G Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: U.S.
ZIP: 20001
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/550,815
FILING DATE: 31-OCT-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/096,277
FILING DATE: 26-JUL-1993
APPLICATION NUMBER: US 07/875,788
FILING DATE: 29-APR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/640,497
FILING DATE: 14-JAN-1991
PRIOR APPLICATION DATA: US 07/917,988
APPLICATION NUMBER: US 07/917,988
FILING DATE: 24-JUL-1992

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/872,114
FILING DATE: 22-APR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/528,438
FILING DATE: 25-MAY-1990
ATTORNEY/AGENT INFORMATION:
NAME: Hoschelt, Dale H
REGISTRATION NUMBER: 19,090
REFERENCE/DOCKET NUMBER: 02899.43360
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
TELEX: 197430 BBMB UT
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 27 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-08-550-815-8

Alignment Scores:
Pred. No.: 62.3 Length: 27
Score: 26.00 Matches: 4
Percent Similarity: 57.14% Conservative: 0
Best Local Similarity: 57.14% Mismatches: 3
Query Match: 50.00% Indels: 0
DB: 2 Gaps: 0

US-09-873-106b-9 (1-17) x US-08-550-815-8 (1-27)

Qy 11 Trp*****GlyThrpe 17
||| |||||
Db 21 TGACCTTCATGGCACATTC 1

RESULT 3

US-08-703-089-8/C
Sequence 8, Application US/08703089
Patent No. 6040290
GENERAL INFORMATION:
APPLICANT: Lippman, Marc E
APPLICANT: Lupu, Ruth
TITLE OF INVENTION: Ligand Growth Factors that Bind to the
NUMBER OF INVENTION: erdb-2 Receptor Protein and Induce Cellular Response
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner, Birch, McKie & Beckett
STREET: 1001 G Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: U.S.
ZIP: 20001
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/703,089
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/096,277
FILING DATE: 26-JUL-1993
APPLICATION NUMBER: US 07/875,788
FILING DATE: 29-APR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/640,497
FILING DATE: 14-JAN-1991
PRIOR APPLICATION DATA: US 07/917,988
APPLICATION NUMBER: US 07/917,988

FILING DATE: 24-JUL-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/872,114
FILING DATE: 22-APR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/528,438
FILING DATE: 25-MAY-1990
ATTORNEY/AGENT INFORMATION:
NAME: Hoschelt, Dale H
REGISTRATION NUMBER: 19,090
REFERENCE/DOCKET NUMBER: 02899,43360
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
TELEX: 197430 BBMB UT
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 27 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-08-703-089-8

Alignment Scores:
Pred. No.: 62.3 Length: 27
Score: 26.00 Matches: 4
Percent Similarity: 57.14% Conservative: 0
Best Local Similarity: 57.14% Mismatches: 3
Query Match: 50.00% Indels: 0
Gaps: 0
DB: 3

US-09-873-106b-9 (1-17) x US-08-703-089-8 (1-27)
Qy 11 Trp*****GlyThrPhe 17
||| |||||
Db 21 TGGACTTCATGCGACATTC 1

RESULT 4
US-08-916-576B-32
Sequence 32, Application US/08916576B
Patent No. 6171816
GENERAL INFORMATION:
APPLICANT: YU, GUO-LIANG
APPLICANT: DILLON, PATRICK J.
APPLICANT: BBNR, REINHARD
TITLE OF INVENTION: NOVEL HUMAN GROWTH FACTORS
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX, P.L.L.C.
STREET: 1100 NEW YORK AVENUE, SUITE 600
CITY: WASHINGTON
STATE: DC
COUNTRY: US
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/916,576B
FILING DATE:
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/024,347
FILING DATE: 23-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: STEFFE, ERIC K.
REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 1488,0500001
TELECOMMUNICATION INFORMATION:

TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 45 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-916-576B-32

Alignment Scores:
Pred. No.: 168 Length: 45
Score: 25.00 Matches: 4
Percent Similarity: 57.14% Conservative: 0
Best Local Similarity: 57.14% Mismatches: 3
Query Match: 48.08% Indels: 0
Gaps: 0
DB: 4

US-09-873-106b-9 (1-17) x US-08-916-576B-32 (1-45)
Qy 11 Trp*****GlyThrPhe 17
||| |||||
Db 4 TGGTACCGAAGGCGACATTC 24

RESULT 5
US-09-045-284A-8
Sequence 8, Application US/09045284A
Patent No. 6265192
GENERAL INFORMATION:
APPLICANT: Bistrup, Annette
APPLICANT: Rosen, Steven D.
APPLICANT: Hemmerlich, Stefan
TITLE OF INVENTION: GLYCOSYL SULFOTRANSFERASE-3
FILE REFERENCE: 6510-107US1
CURRENT APPLICATION NUMBER: US/09/045,284A
CURRENT FILING DATE: 1998-03-20
NUMBER OF SEQ ID NOS: 9
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 8
LENGTH: 47
TYPE: DNA
ORGANISM: Homo sapiens
US-09-045-284A-8

Alignment Scores:
Pred. No.: 175 Length: 47
Score: 25.00 Matches: 4
Percent Similarity: 57.14% Conservative: 0
Best Local Similarity: 57.14% Mismatches: 3
Query Match: 48.08% Indels: 0
Gaps: 0
DB: 4

US-09-873-106b-9 (1-17) x US-09-045-284A-8 (1-47)
Qy 11 Trp*****GlyThrPhe 17
||| |||||
Db 11 TGGATTGTCAGGACATTC 31

RESULT 6
US-09-190-911-8
Sequence 8, Application US/09190911
Patent No. 6365365
GENERAL INFORMATION:
APPLICANT: Bistrup, Annette
APPLICANT: Rosen, Steven D.
APPLICANT: Tangemann, Kirsten
APPLICANT: Hemmerlich, Stefan
TITLE OF INVENTION: GLYCOSYL SULFOTRANSFERASE-3
FILE REFERENCE: 6510-107CIP
CURRENT APPLICATION NUMBER: US/09/190,911
CURRENT FILING DATE: 1998-11-12
EARLIER APPLICATION NUMBER: 09/045,284

EARLIER FILING DATE: 1998-03-20
NUMBER OF SEQ ID NOS: 8
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO: 8
LENGTH: 47
TYPE: DNA
ORGANISM: H. saplens
US-09-190-911-8

Alignment Scores:

Pred. No.:	175	Length:	47
Score:	25.00	Matches:	4
Percent Similarity:	57.14%	Conservative:	0
Best Local Similarity:	57.14%	Mismatches:	3
Query Match:	48.08%	Indels:	0
DB:	4	Gaps:	0

US-09-873-106b-9 (1-17) x US-09-190-911-8 (1-47)

QY 11 Trp*****GlyThrpe 17
||| |||||
Db 11 TCGATTGTTCGAGGACATTC 31

RESULT 7

US-09-367-206-11
Sequence 11, Application US/09367206
Patent No. 6326482
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
TITLE OF INVENTION: NSP Molecules
FILE REFERENCE: P1223R1E
CURRENT APPLICATION NUMBER: US/09/367,206
CURRENT FILING DATE: 1999-08-09
PRIOR APPLICATION NUMBER: PCT/US99/08847
PRIOR FILING DATE: 1999-04-23
PRIOR APPLICATION NUMBER: US 60/082,767
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: US 60/113,296
PRIOR FILING DATE: 1998-12-22
NUMBER OF SEQ ID NOS: 35
SEQ ID NO: 11
LENGTH: 50
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide probe
US-09-367-206-11

Alignment Scores:

Pred. No.:	314	Length:	50
Score:	24.00	Matches:	4
Percent Similarity:	57.14%	Conservative:	0
Best Local Similarity:	57.14%	Mismatches:	3
Query Match:	46.15%	Indels:	0
DB:	4	Gaps:	0

US-09-873-106b-9 (1-17) x US-09-367-206-11 (1-50)

QY 11 Trp*****GlyThrpe 17
||| |||||
Db 12 TCGACATGTGTGACACCTTT 32

RESULT 8

US-09-342-681C-82
Sequence 82, Application US/09342681C
Patent No. 6355782
GENERAL INFORMATION:
APPLICANT: Zonana et al.
TITLE OF INVENTION: Hypohydrotic ectodermal dysplasia genes and proteins
FILE REFERENCE: 52978
CURRENT APPLICATION NUMBER: US/09/342,681C
CURRENT FILING DATE: 1999-06-29
PRIOR APPLICATION NUMBER: 60/092,279

PRIOR FILING DATE: 1998-07-09
PRIOR APPLICATION NUMBER: 60/112,366
PRIOR FILING DATE: 1998-12-15
NUMBER OF SEQ ID NOS: 123
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO: 82
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Oligonucleotide primer that can be used for
US-09-342-681C-82

Alignment Scores:

Pred. No.:	242	Length:	21
Score:	23.00	Matches:	3
Percent Similarity:	57.14%	Conservative:	1
Best Local Similarity:	42.86%	Mismatches:	3
Query Match:	44.23%	Indels:	0
DB:	4	Gaps:	0

US-09-873-106b-9 (1-17) x US-09-342-681C-82 (1-21)

QY 11 Trp*****GlyThrpe 17
||| |||||
Db 1 TCGAGCTTCTCTGATCATTT 21

RESULT 9

US-07-929-206-1
Sequence 1, Application US/07929206
Patent No. 563131
GENERAL INFORMATION:
APPLICANT: Heym, Beate
APPLICANT: Cole, Stewart T.
APPLICANT: Zhang, Ying
APPLICANT: Young, Douglas B.
TITLE OF INVENTION: Rapid Detection of Isoniazid Resistance
TITLE OF INVENTION: In Mycobacterium Tuberculosis
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESSEE: Dunner
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/929,206
FILING DATE: 14-AUG-1992
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/875,940
FILING DATE: 30-APR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Flynn, Kelly A.
REGISTRATION NUMBER: 33,693
REFERENCE/DOCKET NUMBER: 03495, 0110-01000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
TELEFAX: 202-408-4400
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 39 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

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; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-07-929-206-1

Alignment Scores:
Pred. No.: 425          Length: 39
Score: 23.00           Matches: 3
Percent Similarity: 57.14% Conservative: 1
Best Local Similarity: 42.86% Mismatches: 3
Query Match: 44.23%     Indels: 0
DB: 1                  Gaps: 0

US-09-873-106b-9 (1-17) x US-07-929-206-1 (1-39)
OY 11 TTP*****GlyThrPhe 17
    |||
    |||||
Db 16 TGGCAGCGCGCGGCACCTAC 36

RESULT 10
US-08-313-185-1
; Sequence 1, Application US/08313185
; Patent No. 5851763
; GENERAL INFORMATION:
; APPLICANT: Heym, Beate
; APPLICANT: Cole, Stewart
; APPLICANT: Young, Douglas
; APPLICANT: Zhang, Ying
; APPLICANT: Honore, Nadine
; APPLICANT: Telenti, Amalio
; APPLICANT: Bodmer, Thomas
; TITLE OF INVENTION: Rapid Detection of Antibiotic Resistance
; TITLE OF INVENTION: In Mycobacterium Tuberculosis
; NUMBER OF SEQUENCES: 66
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finegan, Henderson, Farabow, Garrett &
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/313,185
; FILING DATE: 12-OCT-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 02356.0068-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 408-4000
; TELEFAX: (202) 408-4000
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 39 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-313-185-1

Alignment Scores:
Pred. No.: 425          Length: 39
Score: 23.00           Matches: 3
Percent Similarity: 57.14% Conservative: 1
Best Local Similarity: 42.86% Mismatches: 3
Query Match: 44.23%     Indels: 0
DB: 2                  Gaps: 0

US-09-873-106b-9 (1-17) x US-08-313-185-1 (1-39)
OY 11 TTP*****GlyThrPhe 17
    |||
    |||||
Db 16 TGGCAGCGCGCGGCACCTAC 36

RESULT 11
US-08-459-499-1
; Sequence 1, Application US/08459499
; Patent No. 5871912
; GENERAL INFORMATION:
; APPLICANT: Heym, Beate
; APPLICANT: Cole, Stewart T.
; APPLICANT: Young, Douglas B.
; APPLICANT: Zhang, Ying
; TITLE OF INVENTION: Nucleic Acid Probes, Sequences, and Methods
; TITLE OF INVENTION: for Detecting Mycobacterium Tuberculosis Resistant to Ison
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finegan, Henderson, Farabow, Garrett &
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.3
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/459,499
; FILING DATE: 02-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/875,940
; FILING DATE: 30-APR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/929,206
; FILING DATE: 27-MAY-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/029,655
; FILING DATE: 11-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 03495.0110-03000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 39 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-459-499-1

Alignment Scores:
Pred. No.: 425          Length: 39
Score: 23.00           Matches: 3
Percent Similarity: 57.14% Conservative: 1
Best Local Similarity: 42.86% Mismatches: 3
Query Match: 44.23%     Indels: 0
DB: 2                  Gaps: 0

US-09-873-106b-9 (1-17) x US-08-459-499-1 (1-39)
OY 11 TTP*****GlyThrPhe 17
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Db      16  TGGCAGCGCGCGGACCTAC 36
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RESULT 12
US-09-082-614A-1
; Sequence 1, Application US/09082614A
; Patent No. 6124098
; GENERAL INFORMATION:
; APPLICANT: Heym, Beate
; APPLICANT: Cole, Stewart
; APPLICANT: Young, Douglas
; APPLICANT: Zhang, Ying
; APPLICANT: Honore, Nadine
; APPLICANT: Telenti, Amalio
; APPLICANT: Bodmer, Thomas
; TITLE OF INVENTION: Rapid Detection of Antibiotic Resistance
; TITLE OF INVENTION: In Mycobacterium Tuberculosis
; NUMBER OF SEQUENCES: 66
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/082.614A
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/313,185
; FILING DATE: 12-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 02356.0068-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 408-4000
; TELEFAX: (202) 408-4000
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 39 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-082-614A-1

Alignment Scores:
Pred. No.: 425 Length: 39
Score: 23.00 Matches: 3
Percent Similarity: 57.14% Conservative: 1
Best Local Similarity: 42.86% Mismatches: 3
Query Match: 44.23% Indels: 0
DB: 3 Gaps: 0

US-09-873-106B-9 (1-17) x US-09-082-614A-1 (1-39)
QY 11 Trp*****GlyThrPhe 17
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Db 16 TGGCAGCGCGCGGACCTAC 36

RESULT 13
US-08-429-181-34
; Sequence 34, Application US/08429181
; Patent No. 5635352
; GENERAL INFORMATION:
; APPLICANT: URDEA, MICHAEL S.
; APPLICANT: FULTZ, TIMOTHY
; APPLICANT: WARNER, BRIAN D.
; APPLICANT: COLLINS, MARK
; TITLE OF INVENTION: SOLUTION PHASE NUCLEIC ACID SANDWICH
; TITLE OF INVENTION: ASSAYS HAVING REDUCED BACKGROUND NOISE
; NUMBER OF SEQUENCES: 61
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHIRON CORPORATION - INTELLECTUAL PROPERTY
; ADDRESS: R440
; STREET: 4560 HORTON STREET
; CITY: EMERYVILLE
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94608-2916
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30B
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/429,181
; FILING DATE: 26-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/164,388
; FILING DATE: 08-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: GOLDMAN, KENNETH M.
; REGISTRATION NUMBER: 34,174
; REFERENCE/DOCKET NUMBER: 0300.001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 601-2719
; TELEFAX: (510) 655-3542
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 49 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-429-181-34

Alignment Scores:
Pred. No.: 523 Length: 49
Score: 23.00 Matches: 4
Percent Similarity: 71.43% Conservative: 1
Best Local Similarity: 57.14% Mismatches: 2
Query Match: 44.23% Indels: 0
DB: 1 Gaps: 0

US-09-873-106B-9 (1-17) x US-08-429-181-34 (1-49)
QY 11 Trp*****GlyThrPhe 17
||| ||| |||||:::
Db 19 TGGCGCGCGGTGTGCTACTAC 39

RESULT 14
US-08-164-388-34
; Sequence 34, Application US/08164388
; Patent No. 5681697
; GENERAL INFORMATION:
; APPLICANT: URDEA, MICHAEL S.
; APPLICANT: FULTZ, TIMOTHY
; APPLICANT: WARNER, BRIAN D.
; APPLICANT: COLLINS, MARK
; TITLE OF INVENTION: SOLUTION PHASE NUCLEIC ACID SANDWICH
; TITLE OF INVENTION: ASSAYS HAVING REDUCED BACKGROUND NOISE
; NUMBER OF SEQUENCES: 61
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHIRON CORPORATION - INTELLECTUAL PROPERTY
; ADDRESS: R440
```

STREET: 4560 HORTON STREET
CITY: EMERYVILLE
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94608-2916
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30B
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/164,388
FILING DATE: 08-DEC-1993
CLASSIFICATION: 436
ATTORNEY/AGENT INFORMATION:
NAME: GOLDMAN, KENNETH M.
REGISTRATION NUMBER: 34,174
REFERENCE/DOCKET NUMBER: 0300.001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2719
TELEFAX: (510) 655-3542
TELEX: N/A
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 49 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-164-388-34

Alignment Scores:
Pred. No.: 523 Length: 49
Score: 23.00 Matches: 4
Percent Similarity: 71.43% Conservative: 1
Best Local Similarity: 57.14% Mismatches: 2
Query Match: 44.23% Indels: 0
Gaps: 0
DB: 1

US-09-873-106B-9 (1-17) x US-08-164-388-34 (1-49)

QY 11 Trp*****GlyThrPhe 17
||| ||| |||||:::
Db 19 TGGCGCGCGTGTGTAACCTAC 39

RESULT 15
US-07-977-284A-87
Sequence 87, Application US/07977284A
Patent No. 5558986
GENERAL INFORMATION:
APPLICANT: Prockop, Darwin J.
APPLICANT: Ala-Kokko, Leena
APPLICANT: Williams, Charlene J.
APPLICANT: Riviensmi, Pertti
APPLICANT: Baldwin, Clinton
APPLICANT: Hopkinson, Ian
APPLICANT: Ahmad, Nilofar Nina
TITLE OF INVENTION: METHODS OF DETECTING A GENETIC
TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS
NUMBER OF SEQUENCES: 261
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5558988ris
STREET: One Liberty Place, 46th floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/977,284A
FILING DATE: 13-NOV-1992
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Deluca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-0697
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 87:
SEQUENCE CHARACTERISTICS:
LENGTH: 22
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
ANTI-SENSE: NO
US-07-977-284A-87

Alignment Scores:
Pred. No.: 428 Length: 22
Score: 22.00 Matches: 3
Percent Similarity: 50.00% Conservative: 0
Best Local Similarity: 50.00% Mismatches: 3
Query Match: 42.31% Indels: 0
Gaps: 0
DB: 1

US-09-873-106B-9 (1-17) x US-07-977-284A-87 (1-22)

QY 11 Trp*****GlyThr 16
||| ||| |||||
Db 2 TGGACAGCAGCAGCAGCAGT 19

Search completed: January 18, 2003, 18:57:10
Job time : 54 secs

